



## Downlights | 1 arrayLED 13 W DC 24 V | CRI 80 81240M60

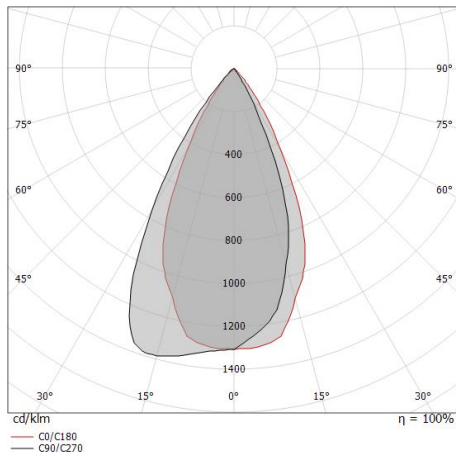
Single emission recessed downlights for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1876 lm, with a 144.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.9 kg.

The total absorbed power is 13 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 127 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.49	E(0°) 4830 E(C0) 1759
1.0	0.98	E(0°) 1208 E(C0) 440
1.5	1.46	E(0°) 537 E(C0) 195
2.0	1.95	E(0°) 302 E(C0) 110
2.5	2.44	E(0°) 193 E(C0) 70
3.0	2.93	E(0°) 134 E(C0) 49

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 52.0°)

### Clase de eficiencia energética

Este producto contiene una fuente de luz de clase de eficiencia energética E.

### Características Luminotécnicas

Light Output Ratio (LOR)	49 %
Flujo luminoso (fuente)	1876 lm
Flujo luminoso de luminaria	925 lm
Consumption	13 W
Rendimiento luminoso de las luminarias	71 lm/W
Temperatura de color	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Índice de rendimientos cromático	80 Ra

Temperatura estándar del ambiente de servicio -20 / +50°C

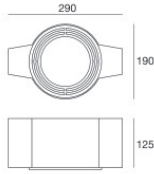
Temperatura típica sobre el vidrio 40°C

### LED Life / Failure Ratio

L70 B10 C0 296960h (at Tj 65 Ta 25 )

### OPTICAL

Óptica C0/C180	52°
Light distribution symmetry	Asymmetrical



Caja de empotrar - (completar con grill universal 99750)  
posición de instalación: techo; tipo instalación: albañilería L=290mm, H=125mm,  
D=190mm

**Code**  
99749



Accesorios para cajas de empotrar - Rejilla universal para Caja exterior 99749

**Code**  
99750